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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/902,194	07/10/2001	Mitsuhiro Fukatsu	1232-4736	8300
27123	7590	04/19/2006	EXAMINER	
MORGAN & FINNEGAN, L.L.P. 3 WORLD FINANCIAL CENTER NEW YORK, NY 10281-2101			CABRERA, ZOILA E	
			ART UNIT	PAPER NUMBER
			2125	

DATE MAILED: 04/19/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 February 2006.
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 4-11, 19 and 23 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 4-11, 19 and 23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Final Rejection

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 4-11, 19, and 23 are presented for consideration.

The rejection under 102 for claims 4-11, 19 and 23 is maintained.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 4-11, 19, and 23 are rejected under 35 U.S.C. 102(e) as being anticipated by **Suzuki et al. (US 6,633,795)**.

Suzuki discloses a system, method and computer readable medium for processing environmental information comprising:

As for independent claims 4, 19 and 23

As for claims 4, 19 and 23

- a product constitution information storage means for storing product constitution information including information about raw materials (Fig. 7); a raw material environmental information storage means for storing environmental information

about an amount of each of the hazardous substance included in each of the raw materials (Fig. 4, step 207b1; Col. 39, lines 20-32; Fig. 7, MATERIAL / WEIGHT; Col. 29, lines 11-13 and lines 55-59, i.e., *material information affixture applied to the bag should contain at least the name of the material use history and the weight or mass*. Please note that weight or mass reads on the amount or total amount of a hazardous material. Suzuki teaches that *the material sent to the respective succeeding treatment process or processing factory concerned should be affixed with the information which is required for the recycle processing*. Please note that one of the succeeding treatment process is the handling of harmful material/substance, see Fig. 1, HARMFUL/HAZARDOUS MATERIAL/SUBSTANCE); an obtaining means for obtaining information about, raw materials which constitute a designated product (Col. 41, line 65- Col. 42, line 16); and an integrated environmental information forming means for forming integrated environmental information including a total amount of each of the hazardous substance, included in the obtained raw materials which constitute the designated product (Fig. 7, MATERIAL / WEIGHT; Col. 29, lines 11-13, weight or mass reads on the amount or total amount of a hazardous material; Col. 29, lines 38-42 and lines 55-64; Col. 43, lines 20-32, the harmful/hazardous substance contained in that part are displayed; Col. 26, lines 35-42; Col. 39, lines 20-32; Col. 29, lines 11-13 and lines 55-59, i.e., *material information affixture applied to the bag should contain at least the name of the material use history and the weight or mass*. Please note that weight or mass reads on the amount

or total amount of a hazardous material. Suzuki teaches that *the material sent to the respective succeeding treatment process or processing factory concerned should be affixed with the information which is required for the recycle processing*. Please note that one of the succeeding treatment process is the handling of harmful material/substance, see Fig. 1, HARMFUL/HAZARDOUS MATERIAL/SUBSTANCE).

As for claims 5,

- information about the raw materials includes information about whether or not the hazardous substance as a chemical substance to be environmentally prohibited or reduced is contained (Fig. 28, i.e., Use Inhibited Material Name; Fig. 4, step 207b1).

As for claim 6,

- user information storage means for storing user information, wherein said integrated environmental information forming means forms integrated environmental information on the basis of the user information (Fig. 7).

As for claim 7,

- a product environmental information storage section for storing environmental information about the products (Fig. 29), wherein said integrated environmental information forming section forms integrated environmental information with respect to each product on the basis of the environmental information about the raw materials (Fig. 28) and the product environmental information about the products (Col. 43, lines 19-32).

As for claims 8,

- the product environmental information includes at least one of power consumption, the amount of a metal consumed, the disassembly time, and the amount of ozone generated (Fig. 8, i.e. Power supply Duration; Fig. 27-28, LEAD).

As for claims 9-10,

- said integrated environmental information forming means forms integrated environmental information with respect to each product by assigning one key information item to one product (Col. 43, lines 56-60, bar code);
- search means for searching the integrated environmental information (Col. 41, line 65 – Col. 42, lines 12; Fig. 4, steps 207a and 207b);

As for claims 11,

- display means for displaying a result of a search through the integrated environmental information searched by said search means (Col. 43, lines 25-32).

Response to Arguments

3. Applicant's arguments filed February 1, 2006 have been fully considered but they are not persuasive. Applicant contends that Suzuki does not disclose "an amount of *each of the hazardous substance* included in each of the raw materials" and "total amount of *each of the hazardous* substance included in the obtained raw materials which constitute the designated product". Applicant further contends that Fig. 7 shows a "weight" column but such weight is of the entire product.

Examiner disagrees because Suzuki discloses "an amount of *each of the hazardous substance* included in each of the raw materials" and "total amount of *each of the hazardous* substance included in the obtained raw materials which constitute the designated product" (Fig. 7, MATERIAL / WEIGHT; Col. 29, lines 11-13, weight or mass reads on the amount or total amount of a hazardous material; Col. 29, lines 38-42 and lines 55-64; Col. 43, lines 20-32, the harmful/hazardous substance contained in that part are displayed; Col. 26, lines 35-42; Col. 39, lines 20-32; Col. 29, lines 11-13 and lines 55-59, i.e., *material information affixture applied to the bag should contain at least the name of the material use history and the weight or mass*. Please note that weight or mass reads on the amount or total amount of a hazardous material. Suzuki teaches that *the material sent to the respective succeeding treatment process or processing factory concerned should be affixed with the information which is required for the recycle processing*. Please note that one of the succeeding treatment process is the handling of harmful material/substance, see Fig. 1, HARMFUL/HAZARDOUS MATERIAL/SUBSTANCE). Therefore, Suzuki discloses the weight or mass for a corresponding material and not only the weight of an entire product.

Conclusion

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not

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mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. **Tani et al. (us 6,529,788) discloses a recycling system wherein material information includes material name, raw material component, component ration, and presence or absence of toxic (or hazardous) substance (Col 10, lines 39-49). Tani further discloses that the proportion of recycle material is the information for showing the proportion of recycled parts in weight in the materials that constitute the part (Col. 10, lines 1-7).**

Any inquiry concerning communication or earlier communication from the examiner should be directed to Zoila Cabrera, whose telephone number is (571) 272-3738. The examiner can normally be reached on M-F from 8:00 a.m. to 5:30 p.m. EST (every other Friday).

If attempts to reach the examiner by phone fail, the examiner's supervisor, Leo Picard, can be reached on (571) 272-3749. Additionally, the fax phones for Art Unit 2125 are (571) 273-8300. Any inquiry of a general nature or relating to the status of this application should be directed to the group receptionist at (703) 305-9600.

Zoila Cabrera
Patent Examiner
4/14/06

